Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work:Construction Of RCC Drians At Kuvempu School Road Mallasandra In Ward No.13, Shettyhalli Sub Division.

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
					Est .Cost Rs.25.00 Lakhs				
1	KSRRB M300-14 Exavation For Road Work In All types of soil with hydraulic exavator of .9 cum bucket capacity including cutting and laoding in tippers,trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections,and transporting to the embankment location to a lead of 4.00km and complete asper specification Morth specification No.301 Page No.143, Item No.19.14 / PWD SR.2016-17								
	R / S	**Cum**	1	150.00	1.00	0.90	135.00		
	L / S		1	139.00	1.00	0.90	125.10		
	Culvert		1	9.00	1.20	1.00	10.80	137.80	37330.02
				3.00			**270.90**	**131.69**	**35674.82**
2	Removing B S Slab Drain And Stacking Page No25 Item No 5.32 PWD SR 2016-17								
	R / S	**Sqm**	2	130.00	1.35		351.00		
							351.00	**65.72**	**23067.72**
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2 Page No.12/ Item No. 4.3/ PWD SR 2016-17								
	R / S	**Cum**	1	150.00	1.00	0.15	22.50		
			1	139.00	1.00	0.15	20.85		
	culvert		1	9.00	1.20	0.20	2.16		
							45.51		
	From Using Available coarse aggregates								
a	**Available CA**			**26.33**			**30.97**	**4443.52**	**137618.43**
b	**Remaining Balance Qty**						**14.54**	**5159.02**	**75009.12**

4	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Page No.12/ Item No. 4.5/ PWD SR 2016-17								
	Drain Rafi Concrete	**Cum**	1	150.00	0.90	0.15	20.25		
			1	139.00	0.90	0.15	18.77		
	Side Wall		2	150.00	0.15	0.80	36.00		
			2	139.00	0.15	0.80	33.36		
	Culvert		1	9.00	1.20	0.20	2.16		
			2	9.00	0.23	0.60	2.48		
			1	9.00	1.20	0.23	2.48		
							115.50	**5874.52**	**678524.68**
5	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting,. propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached1 pilasters, buttresses, plinth cilis and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page No.15/ Item No. 4.31/ PWD SR 2016-17								
		Sqm	4	150.00	0.90		540.00		
			4	139.00	0.90		500.40		
							1040.40	**310.58**	**323127.43**
6	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3, TMT bars Fe 500. Page No. 17/ Item No. 4.46.2/ PWD SR 2016-17								
	For RCC Drian	Tonnes		**108.38**	x	60kgs	6.50		
	Fro Culvert			**7.13**	x	80kgs	0.57		
							7.07	**74331.44**	**525726.95**
7	Providing & laying reinforeced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specfications.								
		Sqm	1	150.00		0.90	135.00		
			1	139.00		0.90	125.10		
			1	23.00		0.90	20.70		
			22	0.60		0.90	11.88		
							292.68	**1680.00**	**491702.40**

2292101.75

						Sub Total	2290451.55
7	Miscellaneous and Other Charges					206289.60	206140.64
8	Rounding off					1603.64	3407.81
						Grand Total	2500000.00
(Rupees Twenty Fifty Lakhs Only)							

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary

2 The Estimate is prepared as per the PWD SR 2016-17

3 The Provision made in estimate are adequate and essential

4 This area comes under BBMP limits.

5.This work is Not Included in any Other Estimate

Asst Engineer
Ward No-13

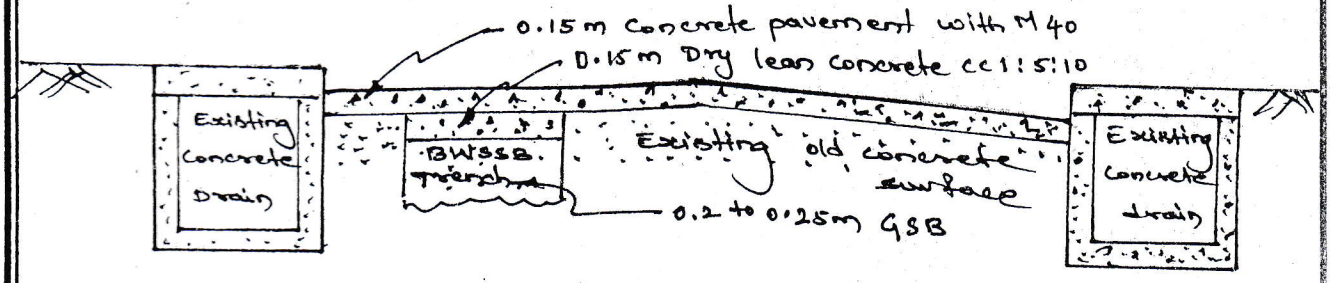
Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

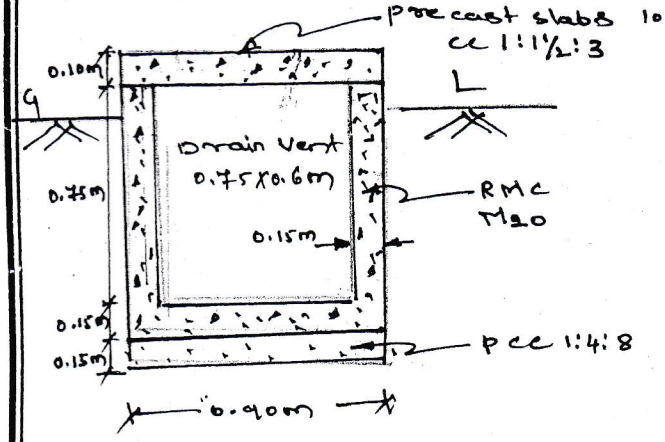
ನಂ. CE/DZ/PS/13/17-18 ದಿನಾಂಕ : 28/4/17
ರೂ. 25.00 Lakhs [Rupees Twenty five lakhs only]
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ. CE/DZ/TS/41/17-18 ದಿನಾಂಕ : 28/04/2017
ರೂ. 25.00 lakhs only [Rupees Twenty five lakhs only]
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

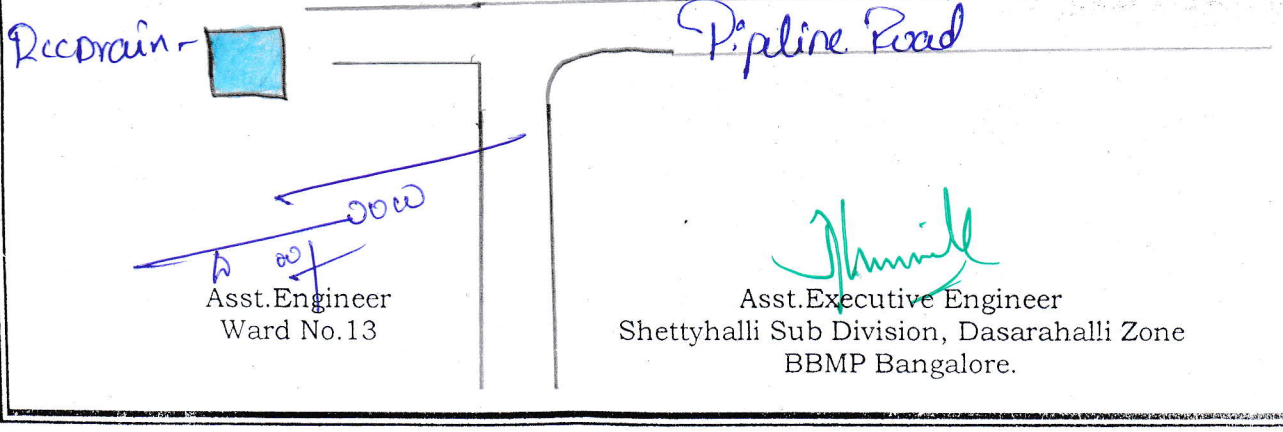
Name of Work Construction of Rcc Drains at Kuvempu School Road Mallaveedu in Ward no. 13 Shetty halli Sub-division


Carriage way 3 to 4.5m
0.15m Concrete pavement with M40
0.15m Dry lean concrete cc 1:5:10
Existing Concrete Drain
BWSSB trench
Existing old concrete surface
0.2 to 0.25m GSB
Existing Concrete drain

Typical c/s of cc Road Surface



c/s of RCC Drain



Asst.Engineer
Ward No.13

Asst.Executive Engineer
Shettyhalli Sub Division, Dasarahalli Zone
BBMP Bangalore.